MD 45 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

GENERAL NOTES

1. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

SIGN

3

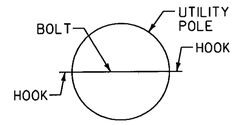
W96-7
(174" x 54")

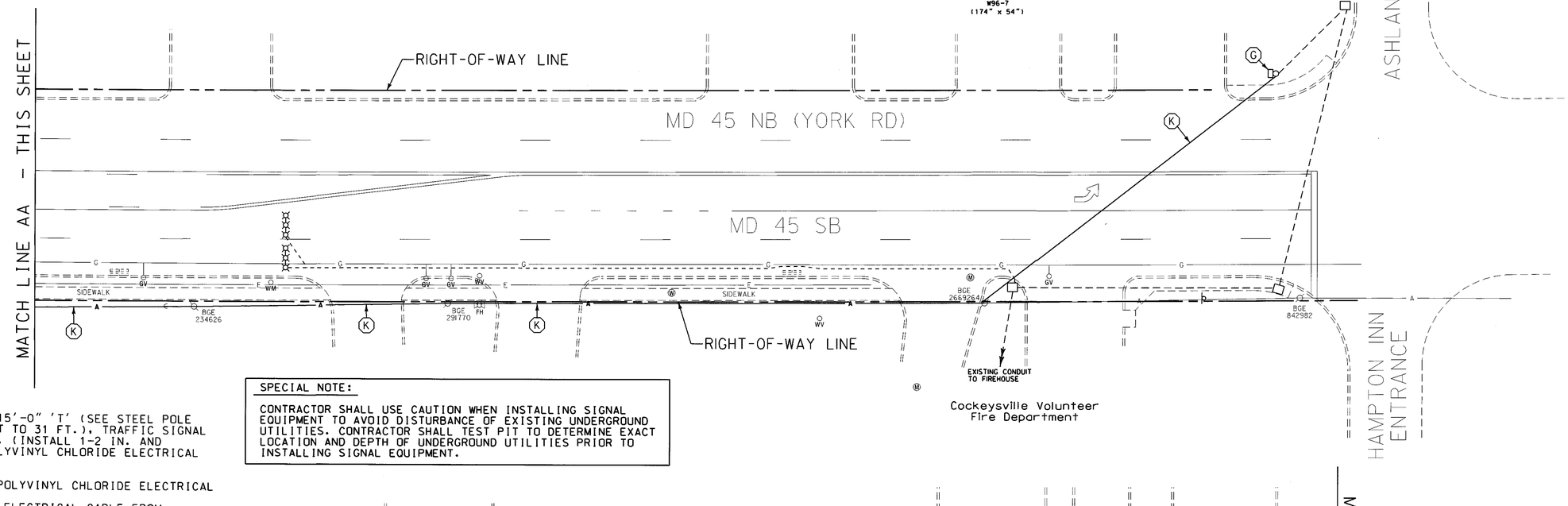
SIGNAL HEADS

1.2
Y
12"

BOLT AND HOOK INSTALLATION DETAIL

PLAN VIEW



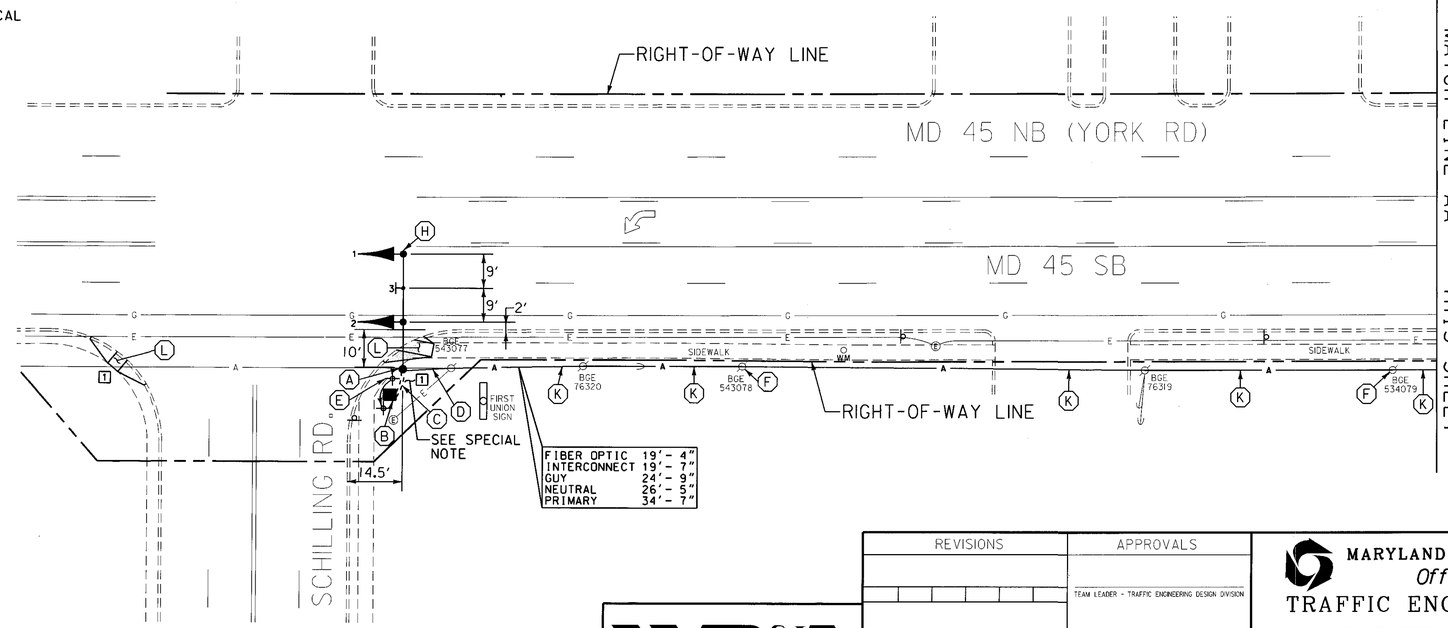


SPECIAL NOTE:

CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.

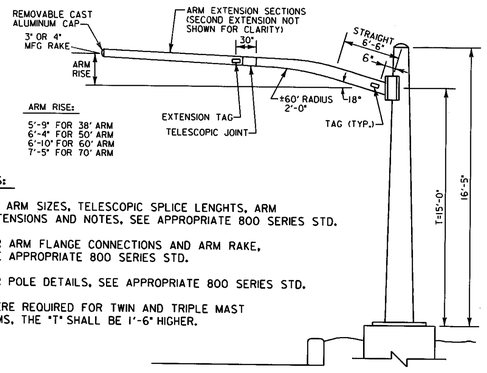
CONSTRUCTION DETAILS

[1] A. INSTALL 16.5 FT. STEEL POLE WITH 15'-0" 'T' (SEE STEEL POLE DETAIL) AND A 60 FT. MAST ARM (CUT TO 31 FT.), TRAFFIC SIGNAL HEADS, SIGN AND 3 IN. WEATHERHEAD. (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.
B. INSTALL HANDHOLE.
C. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
D. INSTALL 3-CONDUCTOR NO. 12 A.W.G. ELECTRICAL CABLE FROM UTILITY POLE TO STEEL POLE.
[1] E. RELOCATE EXISTING SIGNS AND SUPPORT.
F. INSTALL BOLT AND HOOK ATTACHMENTS FOR ELECTRICAL CABLES. ATTACH ELECTRICAL CABLES.
G. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
H. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
J. INSTALL 4 IN. CONCRETE SIDEWALK TO PROVIDE MINIMUM 36 IN. CLEAR WIDTH AROUND TRAFFIC SIGNAL POLE.
K. INSTALL 3-CONDUCTOR NO. 12 A.W.G. ELECTRICAL CABLE LASHED ONTO EXISTING 12-PAIR (SELF-SUPPORTING) COMMUNICATION CABLE.
[1] L. INSTALL SIDEWALK RAMP IN ACCORDANCE WITH STANDARD MD 655.12, METHOD A.



15'-0" "T" STEEL POLE DETAIL

NOT TO SCALE



NOTES:

1. FOR ARM SIZES, TELESCOPIC SPLICE LENGHTS, ARM EXTENSIONS AND NOTES, SEE APPROPRIATE 800 SERIES STD.
2. FOR ARM FLANGE CONNECTIONS AND ARM RAKE, SEE APPROPRIATE 800 SERIES STD.
3. FOR POLE DETAILS, SEE APPROPRIATE 800 SERIES STD.
4. WHERE REQUIRED FOR TWIN AND TRIPLE MAST ARMS, THE 'T' SHALL BE 1'-6" HIGHER.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS
[1] REVISED POLE LOCATION AND ADDED SIDEWALK RAMPS PLAN REVISION NO. 1 12-11-01 NML	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

HAZARD IDENTIFICATION BEACON - MD 45 SB (YORK ROAD) & SCHILLING ROAD

DRAWN BY: S. BLOSS	F.A.P. NO.		TS NO. 419
CHECKED BY: N. LEARY	S.H.A. NO.	XXI065385	
SCALE: 1" = 20'	COUNTY:	BALTIMORE	SHEET NO. 1 OF 2
DATE: 12/11/01	LOG MILE:		T.I.M.S. NO. E730

M:\20008\md45&Schilling\e730gp01.dgn